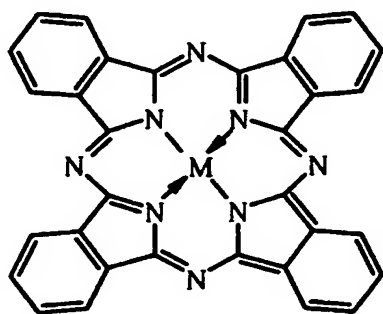


What is claimed is:

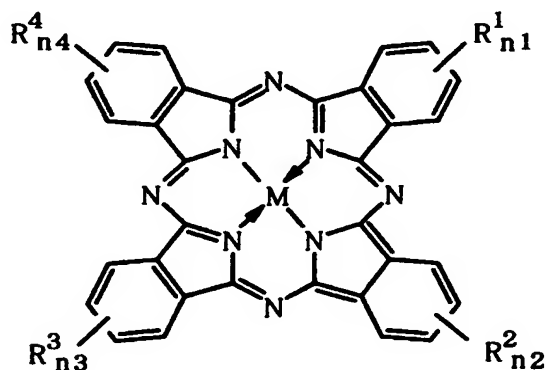
1. An allergen decomposer comprising a metal phthalocyanine derivative represented by the following formula  
 5 (I) as an active ingredient



... (I)

(in the formula (I), M is metal selected from the group consisting of Fe, Co, Mn, Ti, V, Ni, Cu, Zn, Mo, W, Os).

- 10 2. The allergen decomposer according to claim 1, wherein the metal phthalocyanine derivative is a compound represented by the following formula (II) or phthalocyanate thereof



... (II)

- (in the formula (II), M is same as the formula (I);  $R^1_{n1}$ ,  $R^2_{n2}$ ,  $R^3_{n3}$  and  
 15  $R^4_{n4}$  are substituents that  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  are same or different to each other and are at least COOH group or  $SO_3H$  group,  $n1$ ,  $n2$ ,

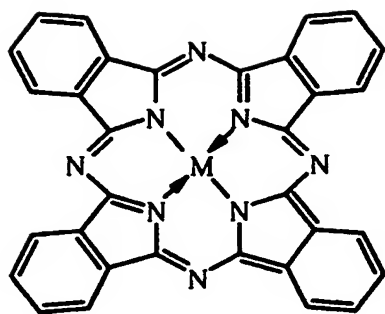
$n_3, n_4$  are same or different to each other and are 0 to 4, and are numbers of substituents that satisfy  $1 \leq n_1 + n_2 + n_3 + n_4 \leq 8$ ).

3. The allergen decomposer according to claim 1, wherein  
 5 the metal phthalocyanine derivative is metal phthalocyanine dicarboxylic acid, metal phthalocyanine tetracarboxylic acid, metal phthalocyanine octacarboxylic acid, metal phthalocyanine disulfonic acid, metal phthalocyanine tetrasulfonic acid, metal phthalocyanine octasulfonic acid, or  
 10 carboxylate or sulfonate thereof.

4. The allergen decomposer according to claim 1, wherein the allergen is a protein allergen.

15 5. The allergen decomposer according to claim 1, wherein the metal phthalocyanine derivative is carried or mixed to the carrier.

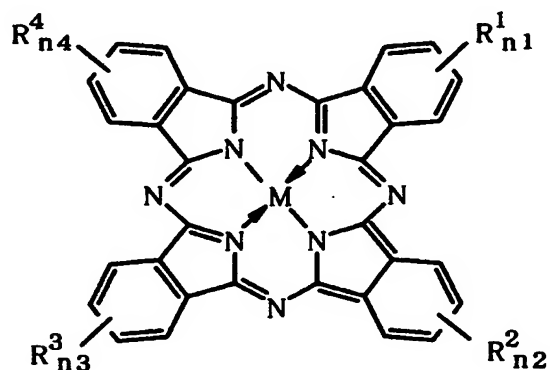
6. A method for decomposing an allergen placing an  
 20 allergen decomposer comprising a metal phthalocyanine derivative represented by the following formula (I) as an active ingredient into a living environment



... (I)

(in the formula (I), M is metal selected from the group consisting of Fe, Co, Mn, Ti, V, Ni, Cu, Zn, Mo, W, Os).

- 5 7. The method for decomposing the allergen according to claim 6, wherein the metal phthalocyanine derivative is a compound represented by the following formula (II) or phthalocyanate thereof



... (II)

- 10 (in the formula (II), M is same as the formula (I);  $R^1_{n1}$ ,  $R^2_{n2}$ ,  $R^3_{n3}$  and  $R^4_{n4}$  are substituents that  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  are same or different to each other and are at least COOH group or  $SO_3H$  group,  $n1$ ,  $n2$ ,  $n3$ ,  $n4$  are same or different to each other and are 0 to 4, and are numbers of substituents that satisfy  $1 \leq n1 + n2 + n3 + n4 \leq 8$ ).

15

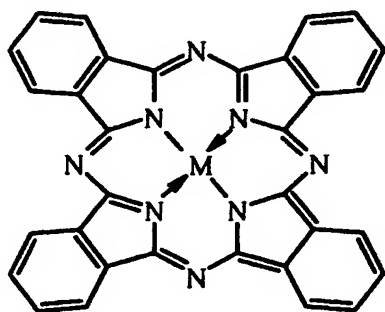
8. The method for decomposing the allergen according to

claim 6, wherein the metal phthalocyanine derivative is metal phthalocyanine dicarboxylic acid, metal phthalocyanine tetracarboxylic acid, metal phthalocyanine octacarboxylic acid, metal phthalocyanine disulfonic acid, metal phthalocyanine tetrasulfonic acid, metal phthalocyanine octasulfonic acid, or carboxylate or sulfonate thereof.

9. The method for decomposing the allergen according to claim 6, wherein the allergen is a protein allergen.

10. The method for decomposing the allergen according to claim 6, wherein the metal phthalocyanine derivative is carried or mixed to the carrier.

11. Antiallergenic feathers carrying metal phthalocyanine derivative represented by the following formula (I) to feathers

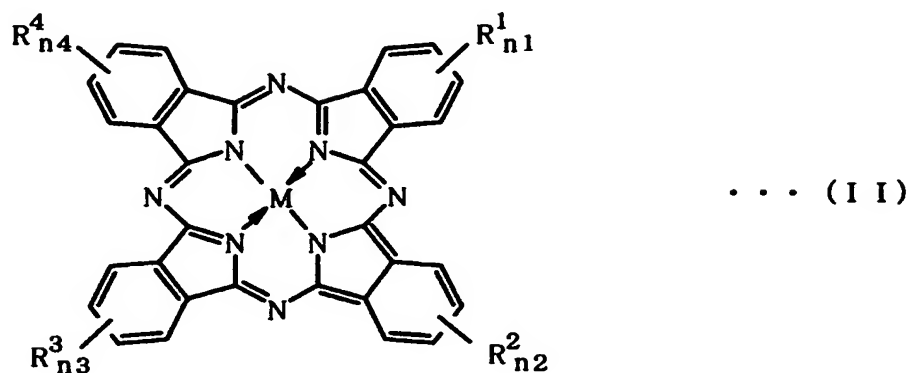


... (I)

(in the formula (I), M is metal selected from the group consisting of Fe, Co, Mn, Ti, V, Ni, Cu, Zn, Mo, W, Os).

12. The antiallergenic feathers according to claim 11,

wherein the metal phthalocyanine derivative is a compound represented by the following formula (II) or phthalocyanate thereof



- 5 (in the formula (II), M is same as the formula (I);  $R^1_{n1}$ ,  $R^2_{n2}$ ,  $R^3_{n3}$  and  $R^4_{n4}$  are substituents that  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  are same or different to each other and are at least COOH group or  $SO_3H$  group,  $n1$ ,  $n2$ ,  $n3$ ,  $n4$  are same or different to each other and are 0 to 4, and are numbers of substituents that satisfy  $1 \leq n1 + n2 + n3 + n4 \leq 8$ ).

10

13. The antiallergenic feathers according to claim 11, wherein the phthalocyanate is sodium salt or copper(II) salt.

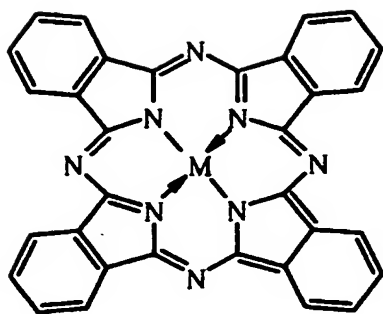
14. The antiallergenic feathers according to claim 11,

- 15 wherein the amount of the metal phthalocyanine derivative is 0.1 mass% or more and 10 mass% or less to weight of the feathers.

15. A composition comprising:

antiallergenic feathers carrying metal phthalocyanine derivative

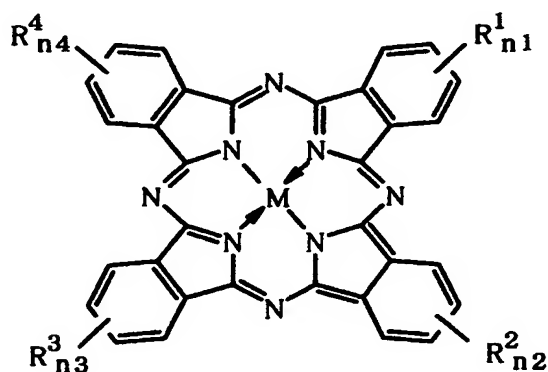
- 20 represented by the following formula (I) to feathers



... (I)

(in the formula (I), M is metal selected from the group consisting of Fe, Co, Mn, Ti, V, Ni, Cu, Zn, Mo, W, Os).

- 5 16. The composition according to claim 15, wherein the metal phthalocyanine derivative is a compound represented by the following formula (II) or phthalocyanate thereof



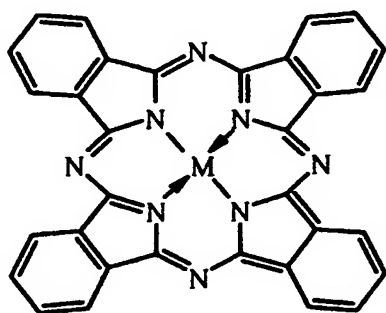
... (II)

- (in the formula (II), M is same as the formula (I);  $R^1_{n1}$ ,  $R^2_{n2}$ ,  $R^3_{n3}$  and  $R^4_{n4}$  are substituents that  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  are same or different to each other and are at least COOH group or  $SO_3H$  group,  $n1$ ,  $n2$ ,  $n3$ ,  $n4$  are same or different to each other and are 0 to 4, and are numbers of substituents that satisfy  $1 \leq n1 + n2 + n3 + n4 \leq 8$ ).
- 10
- 15 17. The composition according to claim 15, wherein the phthalocyanate is sodium salt or copper(II) salt.

18. The composition according to claim 15, wherein the amount of the metal phthalocyanine derivative is 0.1 mass% or more and 10 mass% or less to weight of the feathers.

5

19. A feather product comprising:  
antiallergenic feathers carrying metal phthalocyanine derivative represented by the following formula (I) to feathers

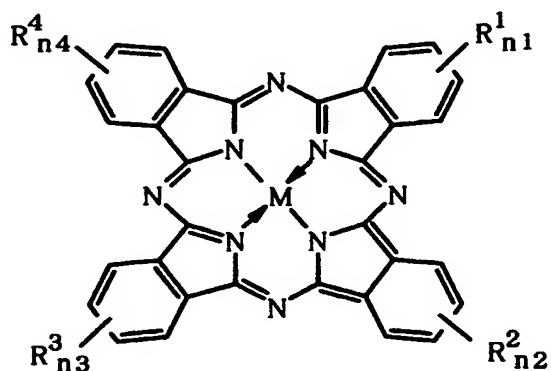


... (I)

10 (in the formula (I), M is metal selected from the group consisting of Fe, Co, Mn, Ti, V, Ni, Cu, Zn, Mo, W, Os).

20. The feather product according to claim 19, wherein the metal phthalocyanine derivative is a compound represented by the following formula (II) or phthalocyanate thereof

15



... (II)

(in the formula (II), M is same as the formula (I);  $R^1_{n1}$ ,  $R^2_{n2}$ ,  $R^3_{n3}$  and  $R^4_{n4}$  are substituents that  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$  are same or different to each other and are at least COOH group or  $SO_3H$  group,  $n1$ ,  $n2$ ,  $n3$ ,  $n4$  are same or different to each other and are 0 to 4, and are numbers of substituents that satisfy  $1 \leq n1 + n2 + n3 + n4 \leq 8$ ).

21. The feather product according to claim 19, wherein the phthalocyanate is sodium salt or copper(II) salt.

22. The feather product according to claim 19, wherein the amount of the metal phthalocyanine derivative is 0.1 mass% or more and 10 mass% or less to weight of the feathers.